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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT

#12

Amend B
S. Bryce
10/30/02

IN RE APPLICATION OF:

Patrick Rivelli, Jr.

APPLICATION No.: 09/715,878

FILED: November 17, 2000

FOR: NEUROVASCULAR STENT AND METHOD

EXAMINER: Ho

ART UNIT: 3738

CONFIRMATION No: 7631

Amendment

Assistant Commissioner for Patents
Washington, D.C. 20231

RECEIVED

OCT 28 2002

TECHNOLOGY CENTER R3700

Sir:

In response to the Office action dated May 22, 2002 in the above-identified application, please amend the above-identified application as follows.

In the Specification:

Replace the paragraph starting on page 3, line 28 with the following:

B1
In a preferred embodiment, the wire elements are formed of a NiTi shape memory alloy, and radial expansion is achieved by releasing the stent from such catheter. The stent of this embodiment may have a stress-induced martensite phase at body temperature, and/or an austenite phase transition temperature below body temperature.

Replace the paragraph starting on page 8, line 9 with the following:

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At the same time, the element can undergo a severalfold radial expansion by virtue of the ability to be close packed in a contracted state (unlike a sin wave), and still provide significant expansion between wave segment arms. This is in contrast to a sin-wave wire element in which compression at the peaks, and thus the number of wave segments that can be accommodated in the contracted state, is limited.